UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/825,051	04/03/2001	Kristopher P. Braud	017017620004	2009

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EXAMINER
TO, BAOQUOC N

ART UNIT	PAPER NUMBER
2172	

DATE MAILED: 10/07/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Office Action Summary	09/825,051	BRAUD ET AL.
	Examiner	Art Unit	
	Baoquoc N To	2172	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☐ Responsive to communication(s) filed on _____ .

2a) ☐ This action is **FINAL**.   2b) ☒ This action is non-final.

3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1-50* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) ☐ Claim(s) _____ is/are allowed.

6) ☒ Claim(s) *1-50* is/are rejected.

7) ☐ Claim(s) _____ is/are objected to.

8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.

10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.

    If approved, corrected drawings are required in reply to this Office action.

12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All b) ☐ Some * c) ☐ None of:

      1. ☐ Certified copies of the priority documents have been received.

      2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).

    a) ☐ The translation of the foreign language provisional application has been received.

15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ .
4) ☐ Interview Summary (PTO-413) Paper No(s). _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____ .

DETAILED ACTION

1.   Claims 1-50 are pending in this application.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

2.   Claims 1-50 are rejected under 35 U.S.C. 103(a) as being unpatentable over

Swanson et al. (US. Patent No. 6,112,183).

With respect to claims 1 and 21 Swanson teaches:

receiving a request for a value of a data item (the client request) (col. 5, lines 5-

10);

identifying an ancillary system associated with the requested data item (the client

stub 60 locates the appropriate server to handle the request) (col. 6, lines 38-46);

processing the data into the value for the data item and returning the requested

value for the data item (the client stub 60 unpacks the output argument and returns

them to the client application) (col. 6, lines 63-65).

Swanson does not explicitly teach determining whether data stored in the

ancillary system is conducive to being processed into the value; retrieving the

data from one of the ancillary systems and the data processing system based on

whether data stored in the ancillary system is conducive to being processed into the

value. However, Swanson teaches, "the request 64 for member enrollment information

bay be made by program 54 in the benefit subsystem 30. The benefit subsystem 30

holds information regarding the benefit plans" (col. 6, lines 21-25). In addition, Swanson

teaches, "server stubs 62 are responsible for listening for client requests, unpacking the

input arguments, validating server access, calling server function, packaging the return

value and output arguments returned by the server code, recording audit information,

gathering performance data and passing return value and output arguments back to

client stub 60 over network 10" (col. 7, lines 8-14). This teaches the server returned a

value corresponding to the input parameters. Therefore, it would have been obvious to

one ordinary skill in the art at the time of the invention was made to process the request

and return to a value as taught in Swanson to allow the processing the data in the

stored data in the system.

As to claims 2, 22, and 42, Swanson further discloses identifying all data updated

in the ancillary system since a last block transfer of data to the data processing system;

requesting a block transfer of updated data from the ancillary system; and copying the

block of updated data to the data processing system (col. 5, lines 1-5).

As to claims 3, 23, and 43, Swanson further discloses wherein processing the

data into the value for the data item is performed subsequent to copying and prior to

receiving the request (col. 7, lines 8-14).

As to claims 4, 24, and 44, Swanson further discloses wherein processing the data into the value further comprises aggregating the data into a value for the data item (col. 6, lines 5-10).

As to claims 5, 25, and 45, Swanson further discloses wherein the data item is financial information (col. 8, lines 1-5).

As to claims 6, 26, and 46, Swanson further discloses rules for identifying an ancillary system that is associated with a data item (col. 5, lines 44-46); and rules for determining whether data stored in the ancillary system is conducive to being processed into the value (col. 5, lines 44-46).

As to claims 7, 27, and 47, Swanson further discloses attempting to contact the ancillary system (col. 5, lines 1-5); querying the ancillary system for the data (col. 5, lines 60-65); and receiving the data from the ancillary system (value) (col. 7, lines 5-14).

As to claims 8 and 28, Swanson further discloses attempting to contact the ancillary system based on the data stored in the ancillary system being conducive to being processed into the value (col. 5, lines 5-10); and receiving the data from the ancillary system based on the ancillary system being unresponsive, (col. 5, lines 5-10).

As to claims 9, 11, 29, and 31 recite similar limitations as discussed in claims 1 and 21; therefore, claims 9 and 29 are also rejected for the same reasons as given in claims 1 and 21.

As to claims 10 and 30, Swanson further discloses catching a message, wherein the message was generated by an ancillary system using a set of content rules and the message conforms to a message standard; opening the message; identifying the ancillary system based on the message, (col. 58, lines 38-42); accessing content conversion rules based on the identity of the ancillary system, (col. 48, lines 19-24); converting content from the message to enterprise information using the content conversion rules, (col. 48, lines 19-24); and storing the enterprise information in the data processing system, (col. 58, lines 27-28).

As to claims 12, 32, and 50, Swanson further discloses wherein the data item is a line item in a document (col. 7, lines 40-50).

As to claims 13 and 33, Swanson further discloses wherein the data item relates to financial information, and the financial information is in a document (col. 8, lines 1-5).

As to claims 14 and 34, Swanson further discloses calling a security model for requestor security information (col. 6, lines 54-55); receiving the requestor security information from the security model (col. 6, lines 54-55); and accessing a security key related to the requested data item based on the requestor security information (col. 6, lines 54-55).

As to claims 15 and 35, Swanson further discloses determining whether the data item relates to employee information or financial information; accessing management organizational information; and determining whether to return the requested data item value based on the requestor having access to the employee information (col. 8, lines 1-5).

As to claims 16 and 36, Swanson further discloses prior to calling a security model for requestor security information, determining whether the data item relates to employee information or financial information (col. 7, lines 31-37); and determining whether to return the requested data item value based on the security key (col. 7, lines 31-37).

As to claims 17 and 37, Swanson further discloses monitoring a clock for a predetermined time interval (col. 8, lines 1-5).

As to claims 18 and 38, Swanson further discloses receiving a second request for the value of a second data item (col. 6, lines 50-55); identifying an auxiliary datastore associated with the second data item (col. 6, lines 50-55); and retrieving the value for the data item from the auxiliary datastore (col. 7, lines 5-15).

As to claims 19 and 39, Swanson further discloses identifying an ancillary system related to the auxiliary datastore (col. 5, lines 1-5); identifying all data updated in the ancillary system since a last block transfer of data to the auxiliary datastore (col. 5, lines 1-10); requesting a block transfer of updated data from the ancillary system (col. 5, lines 1-10); and copying the block: of updated data to the auxiliary datastore (col. 5, lines 1-10).

As to claims 20 and 40, recite similar limitations as discussed in claims 2, 22, and 42; therefore, claims 20 and 40 are also rejected for the same reasons as given in claims 2, 22, and 42.

With respect to claim 41 recites similar limitations as discussed in claims 1 and 2, Swanson also teaches ancillary system access rules (col. 7, lines 32-37).

As to claim 48, Swanson further discloses wherein the enterprise is a healthcare provider (col. 7, lines 39-53).

As to claim 49, Swanson further discloses an automated interface for catching

message and redirecting the messages to the ancillary system data transfer mechanism

(col. 5, lines 1-5).

Contact Information

3.   Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Baoquoc N. To whose telephone number is (703) 305-

1949 or via e-mail BaoquocN.To@uspto.gov. The examiner can normally be reached

on Monday-Friday: 8:00 AM – 4:30 PM, EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kim Y. Vu can be reached at (703) 305-4393.

Any inquiry of a general nature or relating to the status of this application or

proceeding should be directed to the receptionist whose telephone number is (703) 305-

3900.

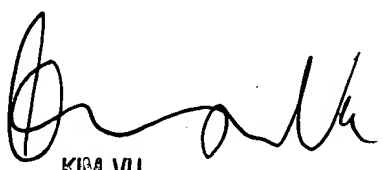Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231.

The fax numbers for the organization where this application or proceeding is

assigned are as follow:

- (703) 746-7238   [After Final Communication}]
- (703) 746-7239   [Official Communication]
- (703) 746-7240   [Non-Official Communication]

Hand-delivered responses should be brought to:

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